

----- CHRISTMAS PARTY EXTRAVAGANZA -----

THE social event of the year took place at the Odd Fellows Hall on Friday, December 4, as the Anchorage Amateur Radio Club had its annual (?) Christmas Party. What a culinary feast! The biggest kudos of all go to all of you gourmet club members for bringing the abundance of delicious food. I'll tell you what, it beats Mother Swanson any night! Too bad everyone was allergic to dancing or who knows when the thing would have ended! Thanks also go to: Reed McKinney KL7MJ for the use of his great stereo and speakers; Ken Delp KL7FD, Fred Toliver KL7HM, Betty Rhodes KL7AP, David Stevens KL7EB, and Theresa Selves for help with decorating; and Steve Wilcox KL7JIM for bringing the public address system.

Of course, the big news of the night was who all won the prizes in the Big Christmas Raffle. Well, dear readers, that information can be found on the next page in the Raffle Wrapup, provided by Fred Toliver KL7HM, our club treasurer. One newsworthy item is that all the tickets were sold-to the tune of \$1,123 in profit for the club. Not bad for a night's work, eh?

The only bad thing about the party, from a personal standpoint, is I couldn't find anyone to help me with my headache/hangover the following morning. Oh well, you pays your money and you takes your chance!

ANCHORAGE ARC

----- "THE VOICE OF THE ANCHORAGE AMATEUR RADIO CLUB" -----

Post Office Box 1987

Anchorage, Alaska 99510-1987

(907) 345-0719

January 1982

----- FIRST AARC SCHOLARSHIP AWARDED -----

Members of the Anchorage Amateur Radio Club can take pride in the fact that the first scholarship, endowed by dues from life memberships, has been awarded to a student at Anchorage Community College. President Betty Rhodes KL7AP was on hand as MATTHEW MANNHART, a third-semester Electronics Technology student, received the \$500 scholarship on December 7 at ACC.

We're also pleased to report that Matthew has joined the club; will be at the January meeting; and plans to become active in our functions. Hopefully, we will have a big turnout on the 8th to welcome Matthew into our "hamily" and more or less inspire the heck out of him!

----- KL7BB WARNS OF BELT BUCKLE DANGERS -----

On the way back from a trip to the Lower 48 earlier this month, I got stuck in Seattle for a few hours, and so decided to call Bill Balzarini KL7BB, a club member whom I have never met but was given the full scouting report on by Wilse KL7CQ. Bill bent my ear for about 20 minutes on a consumer-related problem with club belt buckles and transplanted-to-Outside KL7-types. It appears Bill decided to sun himself earlier this year, so he spread a towel out on his lawn, laid in a supply of iced-down 80's, and exposed his upper torso to Old Sol, that is to say he still had his pants, complete with belt buckle, on. Well, he sat up about 20 minutes later and proceeded to sizzle the heck out of the area around his navel. Those brass belt buckles sure do absorb heat! So Bill says "A word to the wise" -- remove your belt buckle before laying down in the sun!

Now for the good news. It appears that hams in the Northwest are trying to put on a "no holds barred" BIG flea market in Seattle in March (either the weekend of the 13th/14th or 20th/21st). It would be a ham radio/computers/modern electronics type of exposition, and would be sponsored by the Mike and Key Club. I'll try to keep in touch with Bill and report details later on.

----- TEMPORARY PHONE PATCH ARRANGEMENT WITH S. KOREA IN EFFECT -----

A special holiday phone patch agreement has been worked out between the U. S. and South Korea, according to ARRL Bulletin no. 153 dated 12/21/81: "A temporary agreement between South Korea and the United States will be put into effect to permit the handling of phone patch traffic during the holiday season. U. S. Amateur licensees may conduct phone patch traffic with Amateur stations using the prefix HL9 from 0001 UTC 12/20/81 until 2359 UTC 1/4/82." Tnx KLZAT/NL7

DEADLINE FOR FEBRUARY NEWSLETTER COPY IS JANUARY 22

ANCHORAGE AMATEUR RADIO CLUB TREASURER'S REPORT
covering the period 11-19-81 to 12-16-81

STATEMENT OF FINANCIAL OPERATIONS -- Income: Club dues, 418.00; Other income, \$541.36; Xmas raffle, 1,441.00; Subtotal, \$2,400.36. EXPENSES: Social, 425.00; Hospitality, 62.43; Raffle expense, 1,832.00; Telephone, 50.00; Mailings, 50.00; Newsletter, 425.65; Miscellaneous, 12.91; Equipment repair, 50.00; Subtotal, 2,908.07. NET LOSS FOR PERIOD -- \$507.71.

STATEMENT OF FINANCIAL POSITION, 11-19-81 to 12-16-81

ASSETS	Beginning Balance	Ending Balance
101-Checking	\$ 1,774.78	\$ 1,075.86
102-Savings	296.30	296.30
107-Webush cash account	17,544.28	17,735.49
<u>Subtotal</u>	<u>19,615.36</u>	<u>19,107.65</u>
OTHER ASSETS		
150-Equipment	5,188.71	5,188.71
LIABILITIES		
201-	0.00	0.00
MEMBERS EQUITY		
501-	24,804.07	24,296.36
AVAILABLE CASH	14,491.36	13,783.65

----- 1981 CHRISTMAS PARTY RAFFLE -----

TICKET SALE INCOME: 10/81, \$689.00; 11/81, 1590.00; 12/81, 721.00; TOTAL -- \$3,000.00

EXPENSES: Ticket printing, \$45.00; Reliable Electronics prizes, 943.00; RF Electronics prizes, \$689.00; Ticket selling prizes, \$200.00; TOTAL -- \$1,877.00.

PROFIT: \$1,123.00

WINNERS:

1st prize-Icom 730-Michael Vukmir ph. 333-4591, ticket sold by (TSB) Wilse Morgan KL7CQ

2nd prize-Kenwood TS-530S-John Kocur KL7JED ph. 344-6242, TSB Betty Rhodes KL7AP

3rd prize-Icom 2AT-Darrell Gehisen WB7WTR, Craig, AK, no phone, TSB Don Bush KL7JFT

4th prize-Kenwood HC-10 clock-Steve Wilcox KL7JIM ph. 349-5056, TSB Joyce Curman KL7MQ

MOST TICKETS SOLD by Beth Anderson, wins \$50.

Sellers of 1st and 2nd prize tickets get \$50 each; 3rd and 4th prize sellers get \$25 each.

----- KL7FD's TELETYPE EXTRAVAGANZA -----

First, let's tell you about the winners of teletypes at the Xmas party. They were ex-President Herb Brasseur KL7JIG, Jasper Heath KL7MD, Russell Scott KL7EM, and Bob Lupo W7ICI. They won the really cherry TTY machines. As you may or may not know, there were a number of other machines drawn for, and Ken Delp KL7FD has taken it upon himself to get those in working order (to the best of his ability). As he gets them working, he will call the next person on the list to come over and take a look-see and/or pick up and haul away. Even when he gets to the ones in really miserable condition, he will still call and query. He will charge \$75 for a working ASR (price will come down for those that don't work), and \$55 for a completely operational KSR.

----- ANCHORAGE AMATEUR RADIO CLUB CALENDAR FOR JANUARY, 1982 -----

January 1 HAPPY NEW YEAR! Think back to that magical date of December 4, when you all voted to reschedule the January meeting to

8 REMEMBER? Sure you do! Monthly general club meeting, 7:00 pm, UAA Consortium library. PAY YOUR DUES TONIGHT! Program is Curt Harris KL7IUJ, Alaska State Troopers, with a film on the 1964 earthquake and a talk on the Run for S.O.M.E.

20 Monthly Board of Directors meeting, Board Room, Datco Realty, 4th & Denali, 7 pm

February 5 Monthly general club meeting, 7 pm, UAA Consortium library.

What about a January social, you ask? Well, KL7EB hasn't forgotten you, he just hasn't told your friendly newsletter editor about it! Rumor has it that David may be planning a Sunday morning brunch at the Golden Lion or some such thing. Anyway, he will probably have something to say about it at the January club meeting. All the more reason for you to be there!

Looks like my plaintive plea worked, because we have a wealth of technical information in this edition (oops) of your club newsletter. Tnx to all contributors, don't stop now!!!

SPRING HAM CLASSES

thru ACC

Starting the week of 1/18/82

Tech/General license class, ET 194A

(Fundamentals of Ham Radio), 1st meeting 1/19, 1830-2130

Advanced Class License Class, ET 293A (Intermediate Ham Radio),

1st meeting 1/21, 1830-2130

Intermediate Morse Code ET 194B,

1st meeting 1/20, 1830-1930

**DO NOT TRY TO ENROLL THRU ACC AS THEIR SCHEDULE
IS MESSED UP!**

CALL OLGA AT 694-3313 She will get you enrolled!

#####

1981 Fall Grads TO ADVANCED

Glen Turner Virginia Weed

TO GENERAL

Swede Larson John Pash Jim Steigerwald Mike Hauser TO

TECHNICIAN

Hans Bucholdt Dick Day

Marilyn Kemerer Fred Kletka Curtis Mahla Mike Peterson

Gordon Rowe Theresa Selves Bob Shuttlesworth Art Taylor

Dave Wregget John Stechman Rod Maney Mike Vukmir

Wilse and Betty 345-1061#####

HOMEBREW CORNER

Greetings budgeteers! If you're thinking of getting into RTTY and can't afford the 'Big bucks' store-bought T.U./Modulators, take heart! Because I am about to share with you some 'School-of-hard-knocks' wisdom on how easy it really is to build-it-yourself.

Since there seems to be a great profusion of 'almost all you need' RTTY type surplus around, I'll start with the item you most likely will not find in a surplus pile -- the AFSK MODULATOR!

The heart of this circuit is the VCO portion of a NE567 tone decoder I.C., selected for it's stability. Output from the VCO, taken from the junction of the RC time constant, is a low-level triangle wave, which is sucessively amplified and shaped into a nearly perfect sine-wave by amplifier stages Q5 and Q6. The audio output from Q6 will be about 2 volts peak-to-peak, and is more than enough to drive any HF or VHF rig plus monitoring accessories.

The VCO normally runs at the SPACE TONE and is shifted to the MARK by a low from the collector of Q2 thru variable resistor VR1.

Switching transistors Q1 and Q2 provide the vco mark and space switching from the tty loop supply. Depending on the voltage present in your loop supply, resistor RA may require some adjustment in value (to avoid blowing the top off Q1). The correct value should completely saturate Q2 when it's base is driven high. The value shown is for about 50 volts. If your keying voltage is reversed from that shown, (I.E. Space=Low) remove Q2 and R1, and insert jumper J1.

Q3 and Q4 are keying for the CW ID via an external key. VR3 may be adjusted for reduced shift during your ID.

The 5V power for the circuit is drawn from an LM309K regulator IC. At about 100ma drain, this regulator doesn't even know it has a load, and thus provides the absolutely rock-steady +5vdc needed for staying on dead-center.

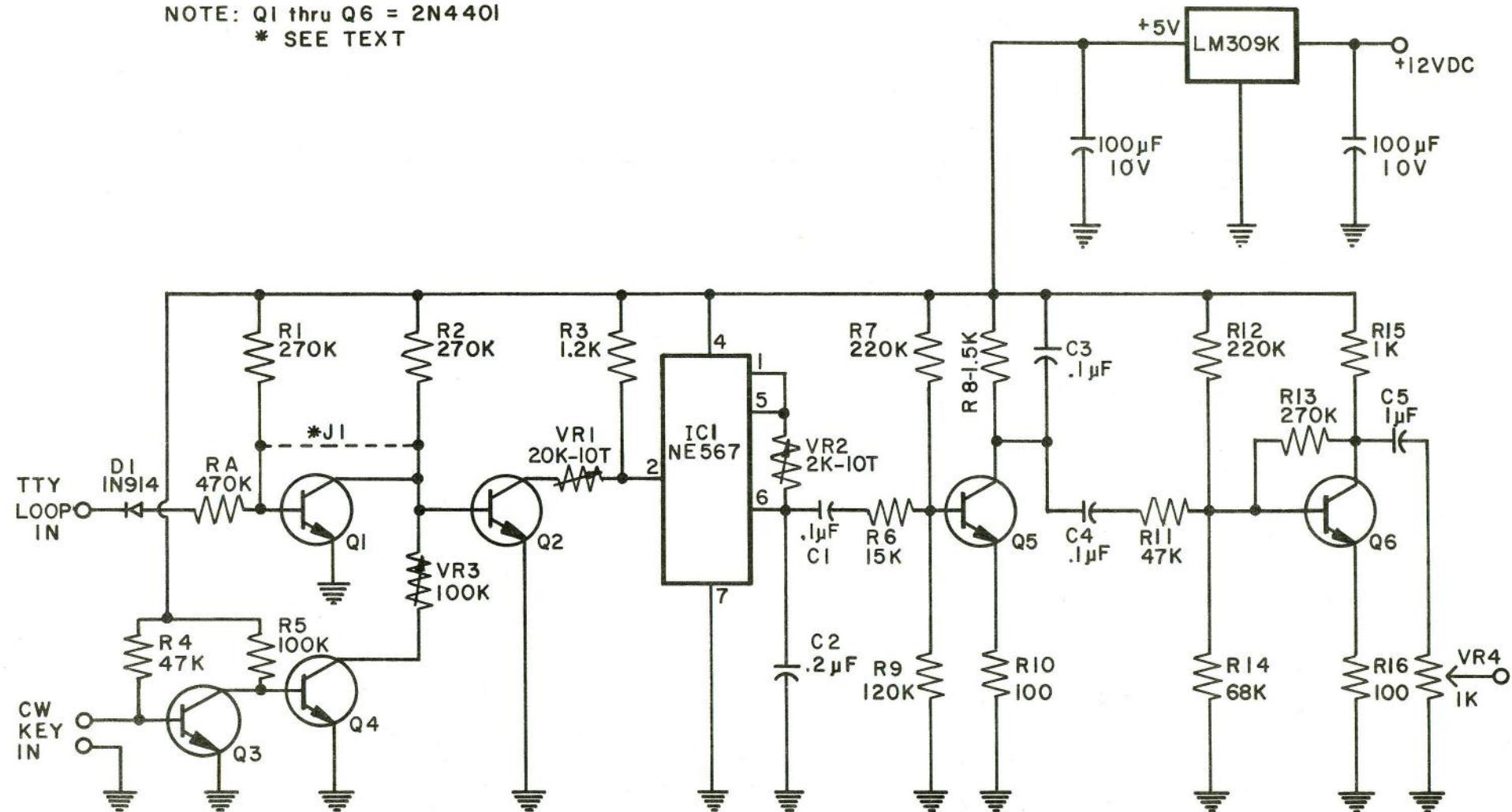
Alignment must be done SPACE-FIRST. Force your loop to space and adjust VR2 for the correct space tone. Then return the loop to mark and adjust VR1 for the correct mark tone. Adjustment of the 'mark' should not affect the space adjustment - However, if you re-adjust the space, you may have to re-adjust the mark also.

The prototype of this circuit fit easily onto a 2 x 3 inch perfboard (holes on .1 inch centers), and since nearly all of it was built from junk-box parts, I can only guess at the 'cost-of-parts-to-build'. (about \$10.00 at the local outrageous prices...)

Well, that should at least get you started anyhow...GOOD LUCK, and C U on '70'.

73's
Roy KL7GQ

NOTE: Q1 thru Q6 = 2N4401
 * SEE TEXT



Design by: ROY H. HANSEN
 Drawn by: SHANNON T. ST. JOHN

ANCHORAGE AMATEUR RADIO CLUB, INC.
BOARD OF DIRECTORS MEETING
December 15, 1981

Present: Vice President Bob McKinnie AL7AW, Treasurer Fred Toliver KL7HM, Membership Chairman April Walter AL7CV, Activities Manager David Stevens KL7EB, License Trustee Bill Reiter KL7ITI, Dave Cloyd KL7M, J.D. Delancy KLZAT, Jim Larsen WAØLPK, Steve Norrell KL7IYX, David Epstein KL7LO, Wilse Morgan KL7CQ, Lloyd Fuller KL7JGN. Absent: President Betty Rhodes KL7AP, Secretary Arlene Steward KL7HO, Herb Rosenthal AL7G, Past President Herb Brasseur KL7JIG. Also Present: Mark Hadley KL7HD, Kirsten Petersen KL7PQ.

The meeting was called to order at 7:15 PM by Vice President Bob McKinnie AL7AW. The minutes of the November Board meeting and the December general meeting were read and approved.

The Treasurer's Report was presented by Fred Toliver KL7HM and was approved. Jim Larsen WAØLPK suggested that a list of all equipment owned by the club be compiled so that we have a better idea of the worth of these assets. Our application to renew our gambling license is due January 15, 1982. A decision needs to be made as to who will be the gamester, someone who will be in attendance whenever our license is being used. The Bingo committee, consisting of Fred Graham KL7FK and Lloyd Fuller KL7JGN, was empowered to make the decision.

Dave Stevens KL7EB reported that he had received many compliments on the Christmas party and felt that it had gone well. The club received a Christmas letter from Hope Cottages thanking us for our support over the past year.

Membership renewal is coming up the first of the year. April Walter AL7CV reported that the club has a very low ARRL membership. In order to keep the club's membership in ARRL active, 51% of the members must also belong to ARRL. It was suggested that someone be appointed to act as ARRL coordinator and that we start utilizing all that ARRL has to offer.

Member should be aware that the FCC is increasing its monitoring and is issuing a much greater number of warnings. It is advisable that members review proper operating procedures in order to avoid possible infractions.

The club repeater is being moved to a higher location. The Sight Summit repeater is still waiting for completion of the building before it is moved in.

It was moved that \$250 be appropriated for Mark Hadley KL7HD to buy antennas and hardware for the fast-scan repeater to be installed. The motion carried.

There was some discussion about buying both a transceiver and a gin pole which would be owned by the club for use at club functions. It was determined to put off further discussion until the next Board meeting in January.

Lloyd Fuller KL7JGN suggested reduced fees for life membership for retired members; no action was taken, however.

The proposed revision to the by-laws will be published in the January newsletter and will be voted on by the general membership at the February meeting.

J.D. Delancy KLZAT has been holding code practice over the air. It was suggested that tapes be used also and that several operators be scheduled to run the tapes at set times. Anyone interested in coordinating this should contact KLZAT.

Two truckloads of surplus equipment have been donated by McCaw Communications for our Flea Market.

There is a possibility that we will have fast-scan this year for Fur Rendezvous. Wilse Morgan KL7CQ and Bill Reiter KL7ITI are handling the organization and operation of equipment for this year's race.

The meeting was adjourned at 9:45 PM.

Respectfully submitted
Kirsten Petersen KL7PQ for
Arlene Steward KL7HO, Secretary

THE PRESIDENT'S CORNER (formerly "Betty's Boops") -- starring Betty Rhodes KL7AP!

HAPPY NEW YEAR ! ! I hope each of you is enjoying the holiday season and looking forward to a great 1982 with the Anchorage Amateur Radio Club, Inc.

Remember that opinion poll that was mentioned in December? No?, well on reflecting upon how much people enjoy filling out blanks and mailing things in, I decided to just pose the questions here as food for thought. We will be bringing them up at future meetings so please give them a consideration.

DO YOU WANT TO HAVE A CLUB STATION? This means, do you think you would help find a location for a station and/or club house? Would you use the facilities is they were set up to include modes such as the satellites, RTTY, ATV, SSTV, HF, VHF, UHF? Would you be willing to help in the upkeep of a station-not necessarily monetarily--BODILY???? Every time a station is brought up for consideration the old questions pop up - who is going to be responsible for the running and security, who would really use it since so many have their own stations at home?

A possibility has been thought up in connection with the Alaska '84 celebration. A fact-finding, feasibility committee has been working on ideas and practicability of having a HAMALASKA '84 in connection with the Alaska '84. We might have a chance there for a future home--but it is just in the preliminary stages and several years away.

DO YOU LIKE THE WAY THE CLUB IS BEING ORGANIZED AND GUIDED? Our club is unique in that for a town the size of Anchorage there is still only 1 main club. I believe being in Alaska has a lot to do with that. We seem to pull together and work out differences when they arise instead of going off into splinter groups that may fall apart. With Amateur Radio being such a varied hobby, the club seems to reflect the many interests. We are involved in a lot of public service which puts our skills to work and fun for ourselves and the betterment of our community. We are involved in providing scholarships to the UAA and ACC. Our fund raising tactics change as means provide. The bingo for 1982 is still undecided. During the past 1 1/2 years we were able to substantially swell the kitty with no output on our parts. As the State of Alaska has cracked down on bingo operations though we will have to revise our participation.

Some members have expressed their thoughts that an amateur radio club has no business being involved in bingo, but no one has voiced an opinion that they don't like the size of the club treasury. Speaking of the treasury, the money obtained from bingo and raffles is regulated for spending by the State. They have stipulations which must be met for disbursing the funds. When I hear people saying that dues should be abolished because we have so much money, they often forget that just because we have had the good fortune to have a bingo/raffle license that we do have a lot of operating expenses. In the past couple of years we have been able to purchase equipment that does get used. The 34/94 repeater; the antenna trailer with antenna & coax; new antennae for the 90/30 repeater, the station at the Pioneers' Home; the Honda generator; and the various and sundry items that go with each operation.

ARE YOU WILLING TO VOLUNTEER TO HELP WITH THE FUTURE OF OUR CLUB? Each year we have elections for President, Vice President, Activities Manager, Secretary, Treasurer and 9 Board positions. These slots all need concerned members to fill them and work together so our club will remain as active and diversified as it is. We are almost up to 400 members now-lots who have been around for awhile and lots of new people. You do not have to be an expert to serve in one of these offices--a desire to participate goes a long way in making up for practical experience. The nominating committee will be appointed in a couple of months for the elections in June-- how about considering saying yes to an office this year?

That's enough of the soap box for now. Does that give you any ideas to dwell upon? Hope so.

The first activity for 1982 will be the Fur Rendezvous races followed by the Iditarod-let's see all you Hams out there communicating and having a ball in February and March.

73 es 88,

*Betty KL7AP
President*

SUGGESTED CHANGES AND ADDITIONS TO THE BY-LAWS OF THE ANCHORAGE AMATEUR RADIO CLUB, INC.

THE FOLLOWING CHANGES WERE APPROVED BY THE BOARD 11/18/81 FOR PROPOSAL TO THE MEMBERSHIP:

ARTICLE I: MEMBERSHIP AND PARTICIPATION

ADD NEW SECTION TO READ:

Section 5. Upon payment of an amount specified in the Rules of Procedure and approval by a majority of members present at a regular meeting of the Corporation, a person will be awarded LIFE MEMBERSHIP in the Corporation.

ARTICLE IV: DUTIES OF THE OFFICERS AND DIRECTORS

Section 4. Secretary.

REPLACE: "and read each communication at the regular meeting of the Corporation and,"

WITH: "and inform the President of all such correspondence and,"

ARTICLE XI: QUORUM

Section 1. A quorum of the general membership meetings for the purpose of conducting business shall be a majority of the Board and members present at a properly called meeting.

ADD: "any" between "... a majority of the Board and (ANY) members present ..."

SUGGESTED CHANGES AND ADDITIONS TO THE RULES OF PROCEDURE OF THE ANCHORAGE AMATEUR RADIO CLUB, INC.

The following was recommended for disapproval by the Board of Directors upon proposal to the membership:

PARAGRAPH I: MOTIONS, RESOLUTIONS, QUORUM, TABLING, etc.

SECTION B. Motions, resolutions, and all other actions not specified herein or in the By-Laws shall be considered to have passed when approved by an affirmative vote of a majority of members present.

PROPOSED ADDITION: "all motions and actions passed at duly called meetings of the Corporation except veto actions by the members, shall become effective only after formal approval of the minutes by the Board of Directors, unless otherwise specified in the actions or motions. Veto actions become effective immediately.

THE FOLLOWING CHANGES WERE APPROVED BY THE BOARD FOR PROPOSAL TO THE MEMBERSHIP:

PARAGRAPH II: DUES

SECTION A. Dues for the calendar year 1980 shall be:

Membership, individual	\$8.00
Individual and Spouse	\$10.00
Student Membership*	\$5.00

DELETE: "1980"

ADD: "Life Membership \$100.00"

PARAGRAPH IV: MEETINGS

SECTION A. Regular monthly business meeting shall be held on the first Friday of each month at the University of Alaska, Anchorage, at 7:00 p.m.

ADD: "unless otherwise notified."

By-Laws may be amended by a two-thirds (2/3) vote of the members present. The final vote on any amendment may not be taken during the same meeting at which the amendment is proposed. PLEASE READ THE ABOVE PROPOSED AMENDMENTS. They will be read at the January meeting and voted upon at the February meeting.

Amendments to the Rules of Procedure may be amended by a simple majority of members present. PLEASE READ THE ABOVE PROPOSED AMENDMENTS. They will be read at the January meeting and voted upon at that time.

By-Laws are not the favorite subject of the Club, but do have to be revised from time to time in order for us to stay current and follow our objectives.

----- ICOM IC-255A MARS/CAP MODIFICATION -----

by Bryce Rumery WB1BTQ/AL7 (NNNØPJF)

The ICOM IC-255A is a fine overall two meter radio, but for those of us who are MARS members, the VFO frequency range of 143.8Ø to 148.195 MHz leaves something to be desired. Take heart, here is a modification that requires nothing more than a little "slight of hand" on the front panel knobs and absolutely no internal changes. This mod will give the 255A a VFO range of 142.ØØØ to 149.995 MHz (not bad for no internal mods, huh?). Follow the following steps, in order, and you can't go wrong.

I will use 148.375 MHz for the upper example and 142.9Ø MHz for the lower example in the instructions, but these steps will hold true for all frequencies above and below the normal VFO frequency limits.

1. Set the "A" VFO 1.2 MHz below (or above) the desired frequency. In our example, 147.175 (7.175) for 148.375 and 144.1Ø (4.1ØØ) for 142.9Ø.
2. Set the offset switch to "R" for frequencies above the normal VFO limits (over 148.195) or to "N" for frequencies below the normal VFO limits (143.8Ø) and key the transmitter. The readout will now be 147.775 (7.775) in our example for the upper frequencies or 143.5Ø (3.5ØØ) for the lower frequencies.
3. While the transmitter is keyed, rotate the offset switch to the opposite offset ("N" for the upper frequencies or "R" for the lower frequencies). At this point, unkey the transmitter and the readout and the receiver will be at the desired frequency (148.375 for our upper example and 142.9Ø for our lower example).

As for offsets -- if the repeater has a standard offset, the put the VFO frequency into your favorite memory and use the regular offsets. If the repeater has a nonstandard offset, then follow the above procedure to program the "B" VFO and operate the 255A on the "A/B" offset. As always, simplex is simplex. A word of caution: the VFO range will be 142.ØØØ to 149.995 MHz. Attempts to go beyond these limits will cause the entire CPU to "dump" all memories and the two VFOs as well and you will have to program everythin all over again. The VFO will work normally above and below the normal limits of the 255A (143.8Ø to 148.195) as far as tuning goes, but take care not to exceed 143.8Ø or go lower than 148.195 as it will be necessary to do the procedure again to get above or below the normal limits again.

Anyone having any questions about the procedure, feel free to contact me at 753-6395 or on the 34/94 machine.

***** ----- K1ZAT/NL7 INTERCEPTS ARRL BULLETIN -----

Soviet satellite seekers, exult! JD is looking out for you, as he intercepted the following ARRL bulletin: "Bulletin no. 148, 12/18/81. Three of the six Soviet Amateur satellites launched on 17 December have robot QSO identifiers on the following frequencies:

RS 3 -- 145.82Ø MHz input, 29.32Ø MHz output
RS 5 -- 145.83Ø " " 29.33Ø " "
RS 6 145.84Ø " " 29.34Ø " "

QSO procedure is to call on CW, giving the call of the satellite followed by "de (your call) AR K. For example, "RS 3 de W1AW AR K." The robot will come back with your call and report. Based on an estimated orbital period of 12Ø minutes and increment of 3Ø degrees, the reference orbit for each day crosses the equator from south to north at ØØ3Ø UTC, at 177 degrees west longitude."

***** ----- TANYA GETS INTO THE ACT -----
"SOLDERING TECHNIQUES - NOVICE STYLE"

Did you ever notice how easy soldering looks? If not, watch your husband the next time he's soldering. Easy, right? That was my opinion of soldering until I tried it. After deciding what I would build, and buying all the parts I needed, it was time to go to work.

During the course of my work, I began to realize soldering wasn't as easy as it looks. To begin with, the soldering iron seems to have acquired a life of its own. All of a sudden, instead of finding wires to solder together, it seems to be chasing my fingers and planting little blisters all over them. Then the solder decides to cling to the iron for dear life. But soon I overcome these little trials and tribulations and my project was completed.

(more "Adventures of Tanya" on the following page)

("Adventures of Tanya," cont'd.)

I rechecked all parts to be sure I followed the schematic correctly, and then pushed the "on" switch, and to my surprise, nothing, but NOTHING, happened.

Not wanting to admit defeat to my husband, I went over every detail several times, step by step, and nothing could be found wrong.

So, knowing of nothing more I could do, and as a last resort, I turned to my husband. He carefully inspected my work. "Not bad for a beginner," was his comment. After patiently waiting waiting for his probing to cease, he finally said to me, "Everything's in the correct place but has been burnt to a crisp, now there are open and shorted parts in the way."

Oh well, better luck next time!

Tanya Delancy NLBSW/AL7

----- THE LAST WORD ON ALASKAN REPEATERS -----

Here is a complete listing of all known repeaters in Alaska provided courtesy of WAØLPK/KL7:

Repeater input/output (MHz)	Repeater call sign	Location	Sponsor
146.Ø4/64	WR7AFM	Palmer/Wasilla	KL7DOB control
146.16/76	KL7EB	Turnagain Arm	Anchorage ARC
146.16/76	KL7PE	Fairbanks	Arctic ARC
146.28/88	KL7PE	Fairbanks	Arctic ARC
147.69/Ø9	AL7V	Nome	AL7V
147.96/146.Ø1	KL7IS	L. Minchumina	KL7IS
146.16/76	KL7AW	Juneau	Juneau ARC
146.28/88	KL7IEJ	Kenai	Moosehorn ARC
146.28/88	WR7AJI	Kodiak	SPARK
146.34/94	AL7O	Tok	AL7O
146.34/94	KL7GCN	Ketchikan	KL7DTR
146.36/96	WL7AKP	Petersburg	Petersburg ARC
146.28/88	AL7AH	Sitka	AL7AH
146.34/94	KL7GPG	Juneau	Juneau ARC
146.22/82	KL7AY	Fairbanks	Arctic ARC
146.Ø4/64	KL7PE	Fairbanks	Arctic ARC
146.34/94	KL7AG	Fairbanks	KL7AG
146.19/79	WL7ACY	N. Pole/Eielson	North Pole ARC
146.34/94	KL7AA	Anchorage	Anchorage ARC
147.9Ø/3Ø	WR7ACT	Anchorage	Anchorage ARC
147.69/Ø9	AL7C	Anchorage	AL7C
146.25/85	KL7JFU	Knik	Matanuska ARA
449.7Ø/444.7Ø	KL7AA	Anchorage	Anchorage ARC
449.1Ø/444.1Ø	AL7C	Anchorage	AL7C
439.25/421.25	KL7HD	Anchorage	KL7HD

This information has been forwarded on to the ARRL for publication in the next update of the Repeater Directory. Thanks, Jim, for letting it be published in the newsletter (and thanks for doing all the legwork)!

----- THE KL7HEI REPORT -----

Chuck Fortier KL7HEI wants everyone to know about the informal phone traffic net on Sat-Sun, 14.292 MHz, 17ØØ UCT, "run" by Cliff WB6BKY and Paul W7JAQ et. al. Anchorage (and other AK) check-ins are needed to handle phone patch and written traffic. If you can make it, great! Also, every Monday (except holidays) there is a breakfast get-together at the Benson Village Inn (by Fred Meyer) at 1Ø:3Ø am. Supposedly, this is a meeting for all exhausted participants of the Alaska-Pacific Net. If you can make the breakfast, that's great, too!

----- WONDERFUL BABIES, LIVING ON LOVE -----

I like the way Don McLean did that song. Anyway, Bryce and Debra Rumery (WB1BTQ and KAØGCB, respectively), welcomed ERNEST CARROLL RUMERY into the world at 1Ø:Ø3 am on December 15. Ernie weighed in at 5 pounds, 1-3/4 ounces, 18½ inches long. I don't know how long his reach was. Congratulations, Bryce and Debra!

----- ALASKA NET DIRECTORY -----

Because YOU, club members, asked for it, we sent our David Epstein on a search for the latest information re Alaska nets. Thanks to the November 1981 edition of "The Arctic Flutter," published by the Eielson/North Pole Amateur Radio Club, the following information is provided:

Net name	Meeting day	Local time	Frequency (MHz)
Sniper's	Daily	6:00 pm	3.920
Sourdough	Monday-Friday	6:30 pm	3.915
Grubstake	Daily	9:00 pm	3.940
DX Association	Monthly (1st Sunday)	8:00 pm	7.265
Alaska Pacific	Monday-Friday	8:00-9:00 am	14.292
Alaska Bush	Daily	6:30 pm	7.292 + QRM
Alaska Iditarod	Saturday	10:00 am	28.849
Alaska State MARS	Daily	6:30 pm	6.996 LSB
Interior Med Wave	Daily (any mode)	5:15 am	1.850
Alaska Code	Daily	8:00 pm	7.060 CW

JD Delancy K1ZAT/NL7 reports that his code practice net is TENTATIVELY scheduled to resume on January 15 providing he receives the crystals he's ordered. When this net resumes, it can be found Monday-Friday at 8:30 pm on 147.51 MHz.

----- AL70 ANNOUNCES APPOINTMENTS -----

Rick Henry AL70 of Tok, our Section Communications Manager (SCM)-elect, divulged his latest up-to-the-minute appointments in a December 22nd telephone conversation, as follows: Section Emergency Coordinator (SEC) Will Darsey AL7AC, Fairbanks; Section Traffic Manager (STM) David Eldredge WL7H, Kenai; Official Bulletin Stations (OBS) David Epstein KL7LO, Anchorage (Alaska Bush Net & Anchorage VHF), Aaron Leno KL7BXV, Prince of Wales Island (Seesaw Net), Tony Smaker KL7AF, Kodiak (Sniper's Net); Net Managers (NM) Carol Martinsen WL7APE, Petersburg (Seesaw Net), Mary Dade AL7CP, Walker Lake (Alaska Bush Net), Kathleen Agoff KL7HPU, Flat (Sniper's Net); Official VHF Stations (OVS) Tim Pettis KL7WE, Anchorage, and Ken Greene KL7JAI, Anchorage; Official Observer (OO) Ed Shilling W6SJ, Petersburg Creek; District Emergency Coordinators (DEC) Bob Mckinnie AL7AW, Anchorage (Southcentral Alaska-Valdex to Adak), Don Bush KL7JFT, Juneau (Haines/Yakutat and Southeast).

Other remaining appointments will be announced later, and perhaps at the January 8 club meeting, which Rick will attend.

AL70 is going to try some new ideas, such as the concept of making the nets responsible for designating their own TCA reps (in an effort to make them more responsive to message traffic demands). He'll have some time at the meeting to see if anyone in the Anchorage area might be interested in being considered for some of the yet-to-be-filled appointments. ALL THE MORE REASON FOR YOU TO COME TO THE JANUARY CLUB MEETING!

----- N7BKY PROVIDES ARTICLE ON EYE BANK ACTIVITY -----

Bill Morris N7BKY sent in this article based upon a story which recently appeared in the Anchorage Times: "Some of us have the good fortune to hit recognition early in life and then there are those of us that plug away and seem to never attain much of a status no matter how hard we work-or how hard we try! That's the way it is with Les Hearn K7WIP. Les has been working the Eye Bank Net almost since its inception in 1962. He took over full time in 1966 as the Tucson, Arizona, contact station. Enjoying what he does is Les' only reward; an eye transplant won't help him (he suffers from detached retinae). Just recently, the Eye Net passed a milestone in its endeavor to assist those in need (the Eye Net arranges transfers from the donor to the recipient); they arranged their 10,000th donor match. Les works with the Sunrise Lions Club, the group that started the network in the Tucson area, and they in turn work closely with the State Lions Club Eye Bank. A JOB WELL DONE, LES! You and the rest of the crew deserve a pat-on-the-back. One other little item for those of you who do not know Les -- he climbs a 60-foot tower and fixes his own antennas, and he can't see past his "knose" The world needs more like you, Les!

QUICKIE WANT AD -- FOR SALE: 1960 vintage Central Electronics 100V SSB/AM/FM/FSK/CW xmtr 80-10 meters, single knob tuning, 100 watts with instruction book. \$175. Neil KL7BGZ, 279-3910

W5YI REPORT.....

December 15, 1981

NEWEST DXCC COUNTRY IS ALSO SMALLEST 'N THE WORLD.... S.M.O.M.

Did you happen to see the writeup that Parade Magazine, a Sunday newspaper supplement, did (p.19, 11/1/81) on the Sovereign & Military Order of Malta (SMOM)? Starting January 1st, 1982, SMOM (1A0KM) QSL's can be submitted for DXCC credit.

The country is a walled enclave about half the size of a football field! SMOM is the only nation in the world that exists at a single street address (68 Via Condotti)! Recent estimates give it's population as 80 ruled by a "Grand Master." It's principal business is "good works" - running hospitals, clinics... leper colonies throughout the world. Through it's main gate keyhole, you can see an exquisitely framed view of the basilica of St. Peter and three countries at once....Italy, the Vatican and, of course, SMOM. (Thanks K3ZJ)



A YL'S POINT OF VIEW

Kirsten Petersen KL7PQ

A YL's Point Of View

Twas the night of the club Christmas party--teletype give-away (well, sort of give-away) time. "Does anyone else want to try for a teletype?" I was staring off into space when I heard "PQ wants one!" What?? "Add her name to the list." Wait a second. PQ doesn't even have her HF rig operating. (My dipole is apparently in no hurry to sample Alaskan airwaves and is taking its time getting here.)

....Oh, well, what the heck. Teletype does sound interesting. Besides, I'm one of those people who couldn't win a drawing even if all but one of the names were drawn. So I thought. Overcoming tremendous odds, my ticket fought its way into someone's waiting hands, and I was the winner of my very own teletype! Now if only my dipole would just show up...

Kirsten, KL7PQ

NEWS FLASH - The wandering dipole has arrived!

W5YI REPORT.....

December 15, 1981

UP-TO-DATE RECIPROCAL LICENSING AND THIRD PARTY COUNTRY LIST

The U.S. has made special arrangements to permit American amateurs to exchange third party communications with amateurs licensed by any of these governments....

Argentina	Costa Rica	Ghana	Jamaica	Paraguay
Bolivia	Cuba	Guatemala	Jordan	Peru
Brazil	Dom. Republic	Guyana	Liberia	Trinidad/Tobago
Canada	Ecuador	Haiti	Mexico	Uruguay
Chile	El Salvador	Honduras	Nicaragua	Venezuela
Columbia	The Gambia	Israel	Panama	

Also: Swiss ITU Station - 4U1ITU

The U.S. also has special arrangements with the following governments to grant operating permits to American amateurs while visiting these 64 countries. You must apply to the radio licensing authority in these countries. Addresses may be obtained from foreign embassies - or from radio clubs listed in the Foreign Amateur Radio Call Book.

Argentina	Denmark	Honduras	Monaco	Sierra Leone
Australia	Dom. Republic	Iceland	Netherlands	Solomon Isl.
Austria	Ecuador	India	Neth. Antil.	Spain
The Bahamas	El Salvador	Indonesia	New Zealand	Suriname
Barbados	Fiji	Rep./Ireland	Nicaragua	Sweden
Belgium	Finland	Israel	Norway	Switzerland
Bolivia	France	Italy	Panama	Trinidad/Tobago
Botswana	Fed.Rep.Germ.	Jamaica	Paraguay	Tuvalu
Brazil	Greece	Jordan	Peru	United Kingdom
Canada	Grenada	Kiribati	Phillipines	Uruguay
Chile	Guatemala	Kuwait	Portugal	Venezuela
Columbia	Guyana	Liberia	St. Lucia	Yugoslavia
Costa Rica	Haiti	Luxembourg	Seychelles	

(Excerpted from recent FCC Private Radio Bureau Public Notice.)

INTERESTING FACT! At a recent "Satellite Private Terminal Seminar" held in Omaha, co-founder Robert Cooper estimated that 1,700 commercially made home satellite dishes are being shipped by industry a month!

AMATEUR LICENSE ISSUANCE SPEEDS UP!

This seems hard to believe, but the latest FCC "Authorization Request/Disposal Summary Report" shows that for the latest month reported (October) that it is only taking 17 working days "from receipt of the application in good order (in Gettysburg) to the time the completed (amateur) license is mailed." Time required for postal service in either direction is not included. This is the fastest turnaround time we have seen in years! This means ham tickets are being received within a month from the time you take the amateur exam! It had been taking 2 months. There were 8,354 amateur licenses pending issuance on October 1st and 14,121 received in Gettysburg (Penn.) during the month - Total applications on hand: 21,859. Of this amount, 21,243 tickets were processed/issued leaving only 616 pending for November 1st. I don't know how or why the FCC's Gettysburg Licensing Facility suddenly got efficient (particularly in view of tight manpower restrictions) but this is certainly heartening!

Anchorage Amateur Radio Club
General Meeting/Christmas Party
December 4, 1981

President Betty Rhodes KL7AP called the meeting to order and asked for approval of a board recommendation to move the January meeting from January 1, 1982, to January 8, 1982. The membership approved.

Mary Laws WL7AMT asked for a show of hands of those planning to attend the Parka Christmas Party at her home Sunday, December 6.

State Trooper Curt Harris KL7IUJ, who will be conducting the program for the January meeting, asked if the group would enjoy seeing a 45-minute documentary film of the 1964 earthquake. The response was enthusiastically positive.

Two more life memberships, surprise gifts for the YL's, were approved: #53, Ellen Edge KL7OR, and #54, Peggy Don AL7CY. A lifetime certificate was presented to #42, Eugene Morris KL7OK.

Following drawings for door prizes, four good teletypes and several questionable ones, and the Christmas raffle prizes, the meeting was adjourned.

Attendance 130

Respectfully submitted by Arlene Steward KL7HO, Secretary

Arlene Steward

LPK WANT AD

FOR SALE: Kenwood TS-120S hf xcvr w/CW filter, PS-30 pspy, ext spkr, base station remote VFO, mobile digital VFO (DFC-230), mobile mount, additional mobile mike, \$975. ALSO, Yaesu FT-708R Japan model, proven convertible to U. S., \$240. Both yours for \$1,200. Call Jim Larsen WA0LPK/KL7, 345-4757.

KL7HD FASTER RASTER ROSTER

((((((((((((((((FASTER RASTER ROSTER)))))))))))))))))))
THE FOLLOWING STATIONS ARE NOW OPERATING ON 3/4 METER FAST SCAN TV.
KL7GQ, KL7HD AND KL7IKX. WITH A LITTLE PRODDING I THINK WE CAN GET
KL7IPV ON THIS INTERESTING MODE AS WELL. AS FOR THE REPEATER YOU HAVE
PROBABLY HEARD ME RAVING ABOUT, WELL THE MODULES ARE ON THEIR WAY
NOW, IT WILL TAKE ABOUT A MONTH TO BUILD THE MACHINE AND GET THE BUGS
OUT. BY THE WAY, AS FAR AS I KNOW THIS REPEATER WILL BE THE ONLY ONE
IN THE STATE THAT WILL TALK TO YOU IN SYNTHESIZED HUMAN VOICE, IT
TELLS TIME TO BE MORE SPECIFIC. INCLUDED IN THIS NEWSLETTER IS A BLOCK
DIAGRAM OF THE REPEATER SYSTEMS. I WOULD LIKE TO THANK THE AARC FOR
ITS HELP IN FUNDING THE ANTENNAS FOR THE REPEATER, THIS WAS A BIG
HELP BECAUSE I HAVE SPENT ABOUT \$1500.00 ON THE MACHINE SO FAR AND
AM NOW TERMINALLY BROKE.....THANKS AGAIN.

::

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----- JANUARY ROSTER UPDATE -----

Once again, our dedicated Membership Chairperson, April Walter AL7CV, presents the fruits of her labors, roster updates and new members! And all of you wonderful club members can make her real happy by reporting any changes in address, phone number, call sign, license class, etc., to her at a club meeting or on the phone (use club record-a-phone 345-0719 or April's own personal Hotline, 345-0507). PLEASE LET'S DON'T TALK ABOUT MEMBERSHIP AND/OR DUES ON THE REPEATER! Darling April and yours truly got cited by Uncle FCC for doing so! Use the phone! Not to be forgotten is Mr. Robert Page KL7HIU, who enters the updates into his trusty TRS-80 computer, and also provides the nifty address labels for your newsletter editor.

NEW MEMBER Matthew Mannhart, P. O. Box 10-235 South Station, Anchorage, AK 99511

Kirsten Petersen KL7PQ new home phone of 376-6045

Karen Lemense WL7ABL new address Box 6-644, Anchorage, AK 99502

Jim LaFollette WB4WBL 30-372 H Cherry Dr, EAFB, AK 99506, 338-5301h (new address & phone)

Patty Olson KL7L new home phone 345-6611

Bill Reiter KL7ITI new work phone 552-3358

MARK HADLEY KL7HD did not speak with a forked tongue in his article on the previous page -- he did give me a diagram to put in the newsletter, but it was too faint and I was afraid it would not reproduce. I'll try to get a better copy of it for a future edition. Honest!

----- DARLING APRIL'S ENCORE -----

And you thought Darling April was through! Wrong-o! She gave me some more good stuff: "CQ Bingo players: Our bingo license stipulates that a club member must be present on site at all times that the license is used. The Bingo Committee is currently looking for a volunteer for this duty. If you're already a bingo player and would like to do your part to help support the club in one of it's prime money-making ventures, contact one of the Freds (KL7HM or KL7FK) for further details." READY FOR MORE? SHE'S NOT DONE YET!!!

----- PAYETH YOUR DUES-ETH! -----

THE NEW YEAR APPROACHETH! That means hangovers, hopeful resolutions, and ... DUES! In conjunction with renewing dues, we are ALL going to make a valiant effort to produce an accurate, up-to-the-minute roster (aren't we?). That means that instead of throwing a check at me on your way to the coffee and doughnuts, you each need to take the time to take a peek at your membership card and be sure that all of the information on it is current and accurate. Seems that in the past, I've managed to update the cards or computer prints, but not always both, so my BIG RESOLUTION this year is to start from scratch and get it all right! This requires help from you, but it's your roster and newsletter, so a minute from each of you shouldn't hurt too badly. If you're not sure I've got all of the latest scoop on you and you're not going to be at the meetings, be sure and include current address, phones, and ARRL status when you mail in your dues.

While I'm on the subject of dues, how many of you haven't sent yours in to the ARRL yet? (Yes, I mean YOU!) That's one of the vital bits of info I must have on your membership cards. The sad truth is that most of you haven't, and that gives the club an embarrassing problem. We must have 51% ARRL members to remain an ARRL-sanctioned club, and it does seem sort of inappropriate for Alaska's biggest club to lose that status. ARRL has a wealth of resources we have, as of yet, left fairly untapped, but with the size we're attaining, could make good use of in the future.

So, the point of this all in quick review -- 1) PAY YOUR DUES (both of them); 2) Check your membership info; 3) HAVE A TERRIFIC NEW YEAR!

Cheers, AL7CV

----- A WANT AD BY ALASKA'S PREMIER "WILLY BAKER ONE" STATION -----

FOR SALE: Late model Yaesu FT-101E, remote VFO, external speaker, spare finals (current finals 30 days old), Shure 444 desk mike, service manual, exc. cond., \$625 complete.

WANTED: Need to copy schematics for the following Heathkit items: (1) HD-1410 keyer; (2) HM-102 SWR/wattmeter. I will pay reasonable copy costs or pick up, copy, and return.

BRYCE RUMERY WB1BTQ/AL7, 21-694D Apricot Avenue, EAFB, AK 99506, phone 753-6395

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MEMBERSHIP APPLICATION

NAME _____	CALL SIGN _____	
ADDRESS _____	LICENSE CLASS _____	
ZIP _____	EXPIRATION DATE _____	
PHONE: HOME _____	WORK OR BUSINESS _____	ARRL MEMBER? YES <input type="checkbox"/> NO <input type="checkbox"/>
YOUR STATION CAPABILITIES: HF <input type="checkbox"/> VHF <input type="checkbox"/> UHF <input type="checkbox"/> MOBILE HF <input type="checkbox"/> MOBILE VHF <input type="checkbox"/> AMSAT/OSCAR <input type="checkbox"/>		
RTTY <input type="checkbox"/>	OTHER: _____	
Do you have other special interests in amateur radio? MICROPROCESSOR/DIGITAL <input type="checkbox"/>		
TRANSMITTER HUNTS <input type="checkbox"/> FIELD DAY <input type="checkbox"/> FLEA MARKET <input type="checkbox"/> IDITAROD <input type="checkbox"/> TRAFFIC <input type="checkbox"/> OTHER <input type="checkbox"/>		
Note: Membership period is from January to January, the grace date being the first regular meeting in February. Dues shall be prorated on a quarterly basis to new members.		
DUES: \$8.00 per single member \$10.00 member and spouse \$5.00 full-time student \$100.00 Life Membership	Anchorage Amateur Radio Club, Inc. P. O. Box 1987 Anchorage, AK 99510	

The Anchorage Amateur Radio Club, Inc., is affiliated with the Anchorage Community College and the University of Alaska, Anchorage, through their community affairs programs.

Want ads are placed free of charge to members of the Anchorage Amateur Radio Club, Inc., phone newsletter editor (David Epstein KL7L0 276-0787h/271-5224w) or club phone (345-0719) to place an ad. Commercial ads are \$5 per quarter-page, camera-ready copy only, please!

MAKE A COMMITMENT TODAY!

----- SUPPORT YOUR LOCAL AMATEUR RADIO CLUB! -----

HAPPY NEW YEAR!